



STIC Search Report

EIC 2100

STIC Database Tracking Number: 220092

TO: Tammy Nguyen
Location: RN D4C76
Art Unit: 2144
Wednesday, March 28, 2007

Case Serial Number: 09/608232

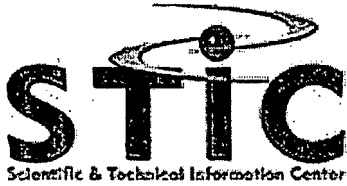
From: Ruth E. Spink
Location: EIC 2100
RND-4B31
Phone: 23524

Ruth.spink@uspto.gov

Search Notes

Tammy- Attached is the foreign patent and NPL search for the above referenced case. I flagged the references that I think are the best. Be sure to contact me if you wish to refocus this search.

Ruth



STIC EIC 2100 Search Request Form

220092
139

Today's Date:

3/28/07

What date would you like to use to limit the search?

Priority Date: 6/3/00

Other:

Name TAMMY NGUYEN

AU 2144 Examiner # 79566

Room # 076 Phone 2-3929

Serial # 09/608,1232

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Is this request for a BOARD of APPEALS case? (Circle One) YES NO

Is this case a SPECIAL CASE?

(Circle One) YES NO

STIC Searcher

Ruth Spink

Phone

2-3524

Date picked up

3/28/07

Date Completed

3/28/07



STIC Search Results Feedback Form

EIC 2100

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Alyson Dill, EIC 2100 Team Leader
272-3527, RND 4B28

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(Journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 RND, 4B28

Set	Items	Description
S1	18409	S VOIP OR VOICE()OVER()IP OR (INTERNET OR IP)()TELEPHONY OR SRTP OR
S2	28081	S (SPEECH OR VOICE) () RECOGNITION
S3	251631	S AUDIO
S4	0	S ANOLOG()S3
S5	211673	S SPEECH OR VOICE
S6	18895	S (S3 OR S5) (5N) ANALOG
S7	6451	S ANALOG()S3
S8	25005	S DIGITAL()S3
S9	1822	S S7 (10N) S8
S10	285063	S (S5 OR TALK OR TALKING OR SPEAK??? OR COMMUNICATE? ? OR COMMUNICAT
S11	309655	S S1 OR S2 OR S9 OR S10
S12	88476	S WEBSITE? ? OR WEBPAGE? ? OR WEB() (PAGE? ? OR SITE? ?) OR HTML
S13	508248	S HTTP OR HYPERTEXT()TRANSFER()PROTOCOL OR PROXY
S14	21736	S XML OR EXTENSIBLE()MARKUP()LANGUAGE
S15	534400	S PHONE? ? OR TELEPHONE? ? OR CELLPHONE? ? OR MOBILEPHONE? ? OR SMAR
S16	310474	S (S15 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N) (ID OR IDENTITY
S17	336140	S (IP OR INTERNET OR NETWORK OR WWW OR WORLDWIDE()WEB OR WEBPAGE? ?
S18	19236	S (S15 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N) S17
S19	625	S S11 (30N) S12 (30N) S13 (30N) S14
S20	4	S S19 (30N) S16 (30N) S18
S21	4	IDPAT (sorted in duplicate/non-duplicate order)
S22	4	IDPAT (primary/non-duplicate records only)

22/5K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01412549

INFORMATION ACCESSING DEVICE AND METHOD AND INFORMATION PROVIDING DEVICE AND METHOD

EINRICHTUNG UND VERFAHREN ZUM ZUGREIFEN AUF INFORMATIONEN UND

INFORMATIONSBEREITSTELLUNGSEINRICHTUNG UND -VERFAHREN

DISPOSITIF D'ACCES A DES INFORMATIONS ET PROCEDE, ET DISPOSITIF DISTRIBUTEUR

D'INFORMATIONS ET PROCEDE

Patent Assignee:

- **Kabushiki Kaisha Infocity; (2431791)**
7-5, Shibuya 2-chome, Shibuya-ku; Tokyo 150-0002; (JP)
(Applicant designated States: all)

Inventor:

- **YAMAMOTO, Isshue, Kabushiki Kaisha Infocity**
7-5, Shibuya 2-chome, Shibuya-ku; Tokyo 150-0002; (JP)

Legal Representative:

- **Goddar, Heinz J., Dr. (4231)**
FORRESTER & BOEHMERT Pettenkoferstrasse 20-22; 80336 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1324609	A1	20030702	(Basic)
	WO	2002011448		20020207	
Application	EP	2001951929		20010719	
	WO	2001JP6267		20010719	
Priorities	JP	2000227883		20000727	

Designated States:

DE; ES; FR; GB; IT; NL;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H04N-007/173CITED PATENTS: (WO A)

JP 11136658 A ; JP 11298879 A ; JP 2000183836 A ; JP 2000090033 A ; JP 2000187666 A ; **Abstract** EP 1324609 A1

A data provision apparatus enabling users to browse previously viewed broadcast content or related content. While viewing a television broadcast on a TV receiver, the user pushes a button labeled "Mark" on the remote controller to

clip content. As a result, a request to "clip" content including program and user identifiers is transmitted via a network to a server at a "clipping center." The program identifier is recorded under the user identifier in a user database. Subsequently, the user can browse recorded content by pushing an "Information" button on a cellular phone or the like to transmit a browsing request to the server at the clipping center. The server references program content recorded under the corresponding user identifier to generate a menu of the content that is transmitted back to the cellular phone. By selecting content in the menu displayed on the cellular phone, the user can send a transmission request to the clipping server and view the broadcast content returned in response to this request.

Abstract Word Count: 167

NOTE: 0001

NOTE: Figure number on first page: 0001

Type	Pub. Date	Kind	Text
Application:	20020403	A1	International application. (Art. 158(1))
Application:	20020403	A1	International application entering European phase
Application:	20030702	A1	Published application with search report
Examination:	20030702	A1	Date of request for examination: 20030227
Change:	20040526	A1	Designated contracting states changed 20040408
Change:	20061102	A1	Title of invention (German) changed: 20061102
Change:	20061102	A1	Title of invention (English) changed: 20061102
Change:	20061102	A1	Title of invention (French) changed: 20061102

Publication: English

Procedural: English

Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200327	1702
SPEC A	(English)	200327	4697
Total Word Count (Document A) 6399			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 6399			

Specification: ...No. HEI-10-51752, for example. When sending the time data as part of the content, the data can be sent using a tag in **XML** or a metatag in **HTML**.

Broadcast signals may be either for a television or radio broadcast and may be either digital or analog. The transmission channel can be broadcast on land, via satellite, or via cable.

An example of broadcast content is Broadcast Markup Language (BML) content. Examples of related content are **HTML** documents and data (**telephone numbers**, maps, **URLS**, etc.) describing sound and video data in the broadcast content.

Association requests can be sent using TCP/IP protocol or a normal telephone protocol. When a request is sent using TCP/IP protocol, various applications for **HTTP** or the like can be used. The **communication network** can be the **Internet**, a private IP network, or a packet network or the like provided by a company operating a **communication network**. When using a telephone, MFT (multifrequency tone) signals or the like are used as control signals. CTI (computer telephony integration) may also be used.

22/5K/2 (Item 2 from file: 348) Links

EUROPEAN PATENTS

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01337684

A conversational portal for providing conversational browsing and multimedia broadcast on demand

Interaktives Zugangsportal zum Liefern von Interaktivem Browsen und Auf-Wunsch-Mehrfachausendung

Portail interactif de fourniture d'accès interactif à l'Internet et diffusion de multimedia à la demande

Patent Assignee:

- **International Business Machines Corporation; (200120)**
New Orchard Road; Armonk, N.Y. 10504; (US)
(Applicant designated States: all)

Inventor:

- **MAES, Stephan H. (US Resident)**
c/o IBM United Kingdom Limited Intellectual Proper; SO21 2JN, Winchester; (GB)

Legal Representative:

- **Burt, Roger James, Dr. et al (52152)**
IBM United Kingdom Limited Intellectual Property Department Hursley Park; Winchester Hampshire SO21 2JN; (GB)

	Country	Number	Kind	Date	
Patent	EP	1143679	A2	20011010	(Basic)
	EP	1143679	A3	20041027	
Application	EP	2001000062		20010321	
Priorities	US	545078		20000407	

Designated States:

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE; TR;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H04L-029/06; G06F-017/30Abstract EP 1143679 A2

A system and method for providing conversational (multi-modal) access to information over a communications network from any location, at any time, utilizing any type of client/access, through a conversational (multi-modal) portal. In one aspect, a conversational portal comprises a conversational (multi-modal) browser that is capable of conducting multi-modal dialog with client/access devices having varying input/output (I/O) modalities. The conversational browser retrieves information (such as content pages, applications) from an information source (for example, content server) in response to a request from a requesting client/access device and then serves the retrieved

information to the requesting client/access device in a format that is compatible with the I/O modalities of the requesting client/access device. In another aspect, the conversational portal provides multimedia access on demand. The conversational portal comprises an audio indexing system for segmenting and indexing audio and multimedia data obtained from an information source, as well as a multi-media database for storing the indexed audio and multi-media data. A subscribing user can compose and maintain a broadcast program wherein the user specifies which types, and in what order, different segments (news, radio, etc.) stored in the database are played back/broadcasted to the user.

Abstract Word Count: 193

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
Application:	20011010	A2	Published application without search report
Search Report:	20041027	A3	Separate publication of the search report
Examination:	20050511	A2	Date of request for examination: 20050312

Publication: English

Procedural: English

Application:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200141	692
SPEC A	(English)	200141	10936
Total Word Count (Document A) 11628			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 11628			

Specification: ...example, wireless, PSTN, LAN, Internet) to the conversational portal 11. It is to be appreciated that the conversational portal 11 may be accessed via a **phone number** or a **URL**, independently of the modality. For instance, depending on the configuration of the client/access device 12-16, connection may be made to the conversational portal... WML (or an address that is accessible directly off a cell phone or other wireless device), an HTML browser client, a VoiceXML browser client via **VoIP** (voice over **internet** protocol), or other conversational protocols as described in the above-incorporated International Appln. Nos. PCT/US99/22927 and PCT/US99/22925. Similarly, a **phone number** can be used to provide direct access to the conversational portal 11 for all these modalities (that is, a direct phone call or ISP function... any SpeechML format (such as the recent VoiceXML standard that has been proposed as a standard for declaratively describing the conversational UI for, for example, **speech** browsers and IVR platforms (see, <http://www.voicexml.org>)).

In a preferred embodiment, the content pages and applications are multi-modal, implemented using a CML (conversational markup language). In general, CML refers...

22/5K/4 (Item 4 from file: 349) [Links](#)

PCT FULLTEXT

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00526297

AUTOMATIC DATA COLLECTION DEVICE HAVING A NETWORK COMMUNICATIONS CAPABILITY

DISPOSITIF DE COLLECTE AUTOMATIQUE DE DONNEES COMPORTANT UNE FONCTION DE COMMUNICATION PAR RESEAU

Patent Applicant/Patent Assignee:

- **INTERMEC IP CORPORATION;**
;;

- **HUNT Jeffrey M;**
;;

- **RAMBERG Jon R;**
;;

- **SHOEMAN Paul D;**
;;

- **KATSANDRES James T;**
;;

	Country	Number	Kind	Date
Patent	WO	9957649	A2	19991111
Application	WO	99US9677		19990503
Priorities	US	9884272		19980504

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/00	Main

Publication Language: English

Filing Language:

Fulltext word count: 15885

English Abstract:

The invention provides a system and method for controlling a plurality of automatic data collection (ADC) device platforms. In the invention, a remote computing system having browsing software adapted for receiving and sending Hypertext Mark-Up Language (HTML) documents, Dynamic Hypertext Mark-Up Language (DHTML) documents,

and Extensible Mark-Up Language (XML) documents over the World Wide Web communicates with a network of ADC platform devices. A Simple Network Management Protocol (SNMP) master agent at the ADC device platform communicates with the remote computing system and a Hypertext Transfer Protocol (HTTP) server sends HTML documents, DHTML documents, and XML documents to the remote computing system over the World Wide Web. A translator translates SNMP-formatted data sent to the attached ADC devices into a format suitable for reception by each ADC device. Another translator translates data received from the ADC devices into the SNMP format. The SNMP master agent communicates with the remote computing system using the TCP protocol, the UDP/IP protocol, and the UDP+ protocol. The ADC platform device may utilize a wireless communications system for communicating with the remote computing system.

French Abstract:

L'invention concerne un systeme et un procede qui permettent de commander une pluralite de plates-formes de dispositifs de collecte automatique de donnees (ADC). Selon l'invention, un systeme informatique a distance, comportant un logiciel de navigation concu pour recevoir et envoyer des documents HTML, des documents HTML dynamique (DHTML) et des documents HTML etendu (XML) par l'intermediaire du Web, communique avec un reseau de dispositifs a plate-forme ADC. Un agent maitre utilisant un protocole de gestion de reseau simple (SNMP), situe au niveau de la plate-forme du dispositif ADC, communique avec le systeme informatique a distance. Un serveur utilisant un protocole de transport hypertexte (HTTP) envoie les documents HTML, DHTML et XML au systeme informatique a distance par l'intermediaire du Web. Un traducteur traduit les donnees formatees SNMP, envoyees aux dispositifs ADC rattaches, en un format permettant leur reception par chaque dispositif ADC. Un autre traducteur traduit les donnees provenant des dispositifs ADC en format SNMP. L'agent maitre SNMP communique avec le systeme informatique a distance au moyen des protocoles TCP, UDP/IP et UDP+. Le dispositif a plate-forme ADC peut utiliser un systeme de radiocommunication pour communiquer avec le systeme informatique a distance.

Detailed Description:

...the just-started application and the remote ADC console 122 on the remote computing system 120. A number of techniques may be used for such **communications**, including sockets **network communication** messages passing between the remote ADC console 122 and the application and by the application writing information to a file that the remote console retrieves. A remote computing system 122 using a network **HTTP** server 311 follows the same scenario depicted here except that the network **HTTP** server 311 provides the appropriate unit management applet.

The system administrator selects an ADC **device** platform **URL** and sends it to the remote **HTML** browser 410. The remote **HTML** browser 410 requests the appropriate unit management applet from the **HTTP** server 230 on the selected ADC device platform 100. The ADC device platform's **HTTP** server 230 loads the unit management Java applet 430 in the **HTML** browser 410 using a unit management **HTML**, **DHTML**, and/or **XML** page 231. The system administrator then selects an application to run and forwards the application's **identifier** to the unit management Java applet 430. The unit management Java applet 430 sends the "Get" request for file names **OID** to the **SNMP** master agent 220 (step...

Set	Items	Description
S1	18409	S VOIP OR VOICE()OVER()IP OR (INTERNET OR IP)()TELEPHONY OR SRTP OR RTP OR REAL()TIME()TRANSPORT()PROTOCOL
S2	211673	S SPEECH OR VOICE
S3	28081	S S2 () RECOGNITION
S4	251631	S AUDIO
S5	6451	S ANALOG () S4
S6	25005	S DIGITAL () S4
S7	1822	S S5 (10N) S6
S8	286194	S (TALK OR TALKING OR SPEAK??? OR COMMUNICATE? ? OR COMMUNICATING OR COMMUNICATION? ? OR DIALOG OR CONVERSATION?? OR S2) (7N) (NETWORK? ? OR EXTRANET? ? OR INTERNET? ? OR INTRANET? ? OR WWW OR LAN OR WAN OR WLAN OR ONLINE OR ON()LINE OR WEB OR NET)
S9	310730	S S1 OR S3 OR S7 OR S8
S10	88476	S WEBSITE? ? OR WEBPAGE? ? OR WEB() (PAGE? ? OR SITE? ?) OR HTML
S11	508248	S HTTP OR HYPERTEXT()TRANSFER()PROTOCOL OR PROXY
S12	21736	S XML OR EXTENSIBLE()MARKUP()LANGUAGE
S13	12	S S1 (30N) S10 (30N) S11 (30N) S12
S14	4	S S13 NOT AY>2000
S15	4	IDPAT (sorted in duplicate/non-duplicate order)
S16	4	IDPAT (primary/non-duplicate records only)

; show files

[File 348] **EUROPEAN PATENTS 1978-2007/ 200708**

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**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT 1979-2007/UB=20070322UT=20070315**

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**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 350] **Derwent WPIX 1963-2006/UD=200720**

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

16/5,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0014298911 *Drawing available*

WPI Acc no: 2004-485761/200446

Related WPI Acc No: 2003-147216; 2003-265606; 2003-656232; 2004-313511; 2004-591078; 2004-781947; 2005-119795; 2005-401610; 2005-494777; 2005-617185; 2005-617492; 2005-699537; 2005-710219; 2005-766217; 2006-115442; 2006-210809

XRPX Acc No: N2004-382988

Web browser execution method for Internet protocol packet switched network, involves executing hypertext markup language tag and audio operation and delivering media information to client device based on client device capabilities

Patent Assignee: CISCO TECHNOLOGY INC (CISC-N)

Inventor: DANNER R A; DODRILL L D; GEEN D W; JOSHI S; MARTIN S J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6738803	B1	20040518	US 1999152316	P	19990903	200446	B
			US 1999459927	A	19991214		

Priority Applications (no., kind, date): US 1999152316 P 19990903; US 1999459927 A 19991214

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6738803	B1	EN	20	8	Related to Provisional	US 1999152316

Alerting Abstract US B1

NOVELTY - The method involves receiving a HTML page having an HTML tag and an extensible markup language by a web browser (64). The capabilities of a client device (42a) for receiving the prescribed media information from a proxy browser are determined. The HTML tag and the audio operation are executed and the media information is delivered to the client device based on the capabilities.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- A. a computer readable medium having instructions for executing a web browser by a proxy browser according to HTTP;
- B. a processor-based device for executing audio operations based on a HTML page received from a server.

USE - Used in an Internet protocol (IP) packet switched network for executing web browser for enabling voice based web applications.

ADVANTAGE - The media information is delivered to the client device based on the capabilities of the client device, thereby providing an enhanced voice control for the voice enabled web applications.

DESCRIPTION OF DRAWINGS - The drawing shows a block diagram illustrating a novel paradigm that enables unified voice messaging services and data services to be provided through an IP network using browser audio

16/5K/2 (Item 2 from file: 348) Links

EUROPEAN PATENTS

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01322503

Media session discovery

Mediensitzungsentdeckung

Decouverte de session media

Patent Assignee:

- **BRITISH TELECOMMUNICATIONS public limited company; (846100)**
81 Newgate Street; London EC1A 7AJ; (GB)
(Applicant designated States: all)

Inventor:

- **The designation of the inventor has not yet been filed**
;;

Legal Representative:

- **Shelley, Mark Raymond et al (87771)**
British Telecommunications plc BT Group Legal Services, Intellectual Property Department, 8th Floor, 120
Holborn; London EC1N 2TE; (GB)

	Country	Number	Kind	Date	
Patent	EP	1130871	A1	20010905	(Basic)
Application	EP	2000301644		20000301	

Designated States:

AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): H04L-029/06; H04N-005/445; G06F-017/30**Abstract** EP 1130871 A1

The invention provides a method of accessing data relating to announced media sessions that are to take place over a communications network such as the Multicast Internet. The data may include scheduling, title and content information, for example. The method comprises the steps of:- i) establishing a communications channel between a user terminal and a database system (605), where the database system comprises session specific data relating to respective media sessions available over a communications network; ii) determining the identity of the user by unique identification code or otherwise (610); ii) retrieving user specific data for that user (625); iii) selecting from the media sessions, in accordance with said user specific data, at least one media session relevant to the user (630); and iv) returning session specific data identifying the relevant media session or sessions to the user terminal (635). In another aspect the invention provides a method of configuring a media session database.

control.

42a Client device

62 Proxy browser

64 Web server

66 Application server

68 Application

Title Terms /Index Terms/Additional Words: WEB; EXECUTE; METHOD; PROTOCOL; PACKET; SWITCH; NETWORK; LANGUAGE; TAG; AUDIO; OPERATE; DELIVER; MEDIUM; INFORMATION; CLIENT; DEVICE; BASED; CAPABLE

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06F-015/16			Main		"Version 7"
G06F-015/00; G06F-015/113			Secondary		"Version 7"

US Classification, Issued: 709218000, 709223000, 709227000, 709228000, 715500100, 715501100, 715513000

File Segment: EPI;

DWPI Class: T01; W01; W02

Manual Codes (EPI/S-X): T01-J18; T01-N01D1A; T01-N02A3B; T01-N03A1; T01-N03B2; T01-S03; W01-A03B; W01-A06F2A; W01-A06G2; W02-C06; W02-K03

Original Publication Data by Authority

Original Abstracts:

A unified web-based voice messaging system provides voice application control between a proxy browser having a **web** browser, and an application server via an hypertext transport protocol (HTTP) connection on an **Internet** Protocol (IP) network. The proxy browser serves as an HTTP interface for a **user** device that lacks HTML and HTTP processing **capabilities**, such as an analog telephone, a cellular telephone, a voice over IP telephone, **and the like**. The web browser receives an HTML page from the **application** server having an XML element that defines **data** for an audio operation to be performed by an executable audio resource within the proxy browser. The audio **resource**, also referred to as a media resource, selectively executes the HTML tags and the **audio** operation based on the determined capabilities of the user device. If the user device does not have audio capabilities, the media resource ignores the audio operation, and merely presents the HTML information, assuming the **user** device has a display. If the media resource determines that the user device has at least a speaker and possibly a microphone, the media resource... that the user device does not have a display, the HTML tag information is discarded by the media resource. Hence, a proxy browser can be **used** by user devices to access enhanced voice control for voice enabled web applications.

Abstract Word Count: 155

NOTE: 6

NOTE: Figure number on first page: 6

Type	Pub. Date	Kind	Text
Application:	20010905	A1	Published application with search report
Withdrawal:	20020123	A1	Date application deemed withdrawn: 20010703

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200136	468
SPEC A	(English)	200136	5097
Total Word Count (Document A) 5565			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 5565			

Specification: ...media stream by clicking a join now button (not shown) presented on the user interface. If the user elects to join a session a network **HTTP** connection is made to the media steam server identified in the connection field of the respective session description. The connection provides a link between the user terminal and the media stream server for the transfer of **HTML** or **XML** structured data requests. Media stream data is transferred to the user terminal using Real Time Protocol (**RTP**) over UDP, for instance.

The user may send a request to view the cached session descriptions of a different media channel type, for instance radio instead or television, by clicking the appropriate button in the main menu block. **HTML** or **XML** requests are sent to the access server by the user terminal to view the relevant session descriptions.

Although the present invention has been described with...

16/5K/3 (Item 3 from file: 348) Links

EUROPEAN PATENTS

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01278712

Methods and systems for multi-modal browsing and implementation of a conversational markup language

Verfahren und System zur multimodalen Informationsnavigierung und Implementierung einer konversationellen Markierungssprache

Methode et systeme pour l'exploration multimodale et l'implementation d'un langage de balisage conversationelle

Patent Assignee:

- **INTERNATIONAL BUSINESS MACHINES CORPORATION;** (200123)
; Armonk, NY 10504; (US)
(Applicant designated States: all)

Inventor:

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	Country	Number	Kind	Date	
Patent	EP	1100013	A2	20010516	(Basic)
	EP	1100013	A3	20040811	
	EP	1100013	A3	20040811	
Application	EP	2000480092		20001010	
Priorities	US	158777	P	19991012	

Designated States:

BE; DE; FR; GB;

Extended Designated States:

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): G06F-009/44; G06F-017/30**Abstract** EP 1100013 A2

A new application programming language is provided which is based on user interaction with any device which a user is employing to access any type of information. The new language is referred to herein as a "Conversational Markup Language (CML)". In a preferred embodiment, CML is a high level XML based language for representing "dialogs" or "conversations" the user will have with any given computing device. For example, interaction may comprise, but is not limited to, visual based (text and graphical) user interaction and speech based user interaction.

Such a language allows application authors to program applications using interaction-based elements referred to herein as "conversational gestures." The present invention also provides for various embodiments of a multimodal browser capable of supporting the features of CML in accordance with various modality specific representations, e.g., HTML based graphical user interface (GUI) browser, VoiceXML based speech browser, etc.

Abstract Word Count: 146

NOTE: 3

NOTE: Figure number on first page: 3

Type	Pub. Date	Kind	Text
Application:	20010516	A2	Published application without search report
Change:	20040811	A2	International Patent Classification changed: 20040618
Search Report:	20040811	A3	Separate publication of the search report
Change:	20040811	A2	International Patent Classification changed: 20040618
Search Report:	20040811	A3	Separate publication of the search report
Examination:	20041020	A2	Date of request for examination: 20040823
Examination:	20050406	A2	Date of dispatch of the first examination report: 20050222
Change:	20070131	A2	Title of invention (German) changed: 20070131
Change:	20070131	A2	Title of invention (English) changed: 20070131
Change:	20070131	A2	Title of invention (French) changed: 20070131

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200120	1239
SPEC A	(English)	200120	18070
Total Word Count (Document A) 19309			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 19309			

Specification: ...XML content into these different legacy MLs. Eventually, today, there is more and more need for access to the Web (i.e., mostly by exchanging **HTML**), wireless network (mostly WML, but other standards exist) and telephone (mostly VoiceXML). Because multiple authoring is the only solution, the sites that offers such type... ..to offer access to any information, anywhere, at any time through any access device and let the user manipulate it. The different legacy languages (including **XML**) do not contain the necessary information to appropriately handle different parts of the page in other modalities (e.g., the grammars and other arguments for... ..solution can use today's existing infrastructure in terms of the transport protocols and network (e.g., telephony PSTN, wireless networks (voice and/or data), **voice over IP**, TCP/IP-HTTP, WAP, etc.) and legacy browsers (e.g., **HTML** browser, WML browser, VoiceXML browser etc.). If content is available in CML, it can be transcoded, on the fly, to the target legacy ML supported...

16/5K/4 (Item 4 from file: 349) [Links](#)

PCT FULLTEXT

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00759656

AN ARCHITECTURE FOR CONTROLLING THE FLOW AND TRANSFORMATION OF MULTIMEDIA DATA

ARCHITECTURE DE COMMANDE DU FLUX ET DE LA TRANSFORMATION DE DONNEES
MULTIMEDIA

Patent Applicant/Patent Assignee:

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US; US(Residence); US(Nationality)

Legal Representative:

- **MALLIE Michael J(et al)(agent)**
Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025; US;

	Country	Number	Kind	Date
Patent	WO	200072574	A2-A3	20001130
Application	WO	2000US13882		20000517
Priorities	US	99316328		19990521

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
H04N-005/445	Main

Publication Language: English

Filing Language: English

Fulltext word count: 21471

English Abstract:

A method and apparatus for controlling the flow of information from the event. The method comprises receiving digital media assets (101) corresponding to remotely captured data for the event, converting the digital media assets into immersive content, and distributing the immersive content for delivery to a plurality of delivery mechanisms (105).

French Abstract:

L'invention concerne un procede et un appareil de commande du flux d'informations provenant d'un evenement. Dans un mode de realisation, le procede consiste a recevoir des elements d'un support numerique correspondant aux donnees saisies a distance provenant de l'evenement, a convertir les elements du support numerique en contenu d'immersion, puis a repartir le contenu d'immersion afin de l'envoyer a plusieurs mecanismes de fourniture.

Type	Pub. Date	Kind	Text
Publication	20001130	A2	Without international search report and to be republished upon receipt of that report.
Examination	20010322		Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20010531		Late publication of international search report
Republication	20010531	A3	With international search report.
Search Rpt	20010531		Late publication of international search report
Correction	20010621		Corrected version of Pamphlet:
Republication	20010621	A3	With international search report.

Detailed Description:

...and software. Transport protocols transfer the streams and packages. In one embodiment, all assets are transported over IP, with stream delivery using Real Transfer Protocol (**RTP**) (IETF RFC 1889) on top of IP and package delivery using a File Transfer Protocol (**FTP**) (IETF RFC 959) over IP.

In one embodiment, **HTML** (**HTML** 4.0 WK recommendation) and **XML** (**XML** 1.0 WK recommendation) are used to organize and present non-streaming content. In the case of satellite data broadcasting, for example, there is no backchannel and, thus, no opportunity for client-server **HTTP** sessions. File-based content is, therefore, broadcast along with streams, and cached on the client. The format of the cached content is still **HTML**. Included with the client (end user) software is an **FITTP** proxy that has access to the local cache.

HTML files may contain both content and...

Set	Items	Description
S1	31318	S VOIP OR VOICE()OVER()IP OR (INTERNET OR IP)()TELEPHONY OR SRTP OR RTP OR REAL()TIME()TRANSPORT()PROTOCOL
S2	121470	S WEBSITE? ? OR WEBPAGE? ? OR WEB() (PAGE? ? OR SITE? ?) OR HTML
S3	67543	S HTTP OR HYPERTEXT()TRANSFER()PROTOCOL OR PROXY
S4	42773	S XML OR EXTENSIBLE()MARKUP()LANGUAGE
S5	405669	PHONE? ? OR TELEPHONE? ? OR CELLPHONE? ? OR MOBILEPHONE? ? OR SMARTPHONE? ? OR (CELL OR MOBILE OR SMART)()PHONE? ? OR (CELL OR CELLULAR)() (RADIO()PHONE OR RADIOPHONE? ?) FROM 8, 35, 65, 2, 94, 111, 6, 144, 434, 34, 62, 99, 95, 56, 57, 60, 266
S6	5	S S1 AND S2 AND S3 AND S4
S7	0	S S6 NOT PY>2000
S8	34	S S1 AND (S2 OR S3) AND S4
S9	6816	S (S5 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N) (ID OR IDENTITY OR IDENTITIES OR IDENTIFIER? ? OR IDENTIFICATION? ?)
S10	1578288	S (IP OR INTERNET OR NETWORK OR WWW OR WORLDWIDE()WEB OR WEBPAGE? ? OR WEBSITE? ?) (2W)ADDRESS?? OR URL? ? OR RESOURCE()LOCATOR? ? OR DOMAIN? ?
S11	8847	S (S5 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N)S10
S12	63458	S (S5 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N) NUMBER? ?
S13	3	S S8 AND (S9 OR S10 OR S11)
S14	2	RD (unique items)
S15	0	S S8 NOT PY>2000
S16	10051	S S1 NOT PY>2000

; show files

[File 8] **Ei Compendex(R)** 1884-2007/Mar W3
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[File 35] **Dissertation Abs Online** 1861-2007/Feb
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[File 94] **JICST-EPlus** 1985-2007/Apr W1
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[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Mar 23
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[File 6] **NTIS** 1964-2007/Apr W1
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[File 144] **Pascal** 1973-2007/Mar W3
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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
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[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W3

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[File 62] **SPIN(R)** 1975-2007/Mar W2

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[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb

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[File 95] **TEME-Technology & Management** 1989-2007/Mar W4

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[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Mar

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[File 266] **FEDRIP** 2007/Feb

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NPL
FT

Set	Items	Description
S1	409717	S VOIP OR VOICE()OVER()IP OR (INTERNET OR IP)()TELEPH REAL()TIME()TRANSPORT()PROTOCOL
S2	9660924	S WEBSITE? ? OR WEBPAGE? ? OR WEB()PAGE? ? OR SIT
S3	234714	S XML OR EXTENSIBLE()MARKUP()LANGUAGE
S4	11430634	S HTTP OR HYPERTEXT()TRANSFER()PROTOCOL OR PROXY
S5	76883	S (MARK()UP OR MARKUP)()LANGUAGE? ?
S6	120	S S1 (30N) S2 (30N) (S3 OR S5) (30N) S4
S7	6093910	S PHONE? ? OR TELEPHONE? ? OR CELLPHONE? ? OR MOBILEPHONE? ? OR SMARTPHONE? ? OR (CELL OR MOBILE OR SMART)()PHONE? ? OR (CELL OR CELLULAR)()RADIO()PHONE OR RADIOPHONE? ?
S8	716837	S (S7 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N) (ID OR IDENTITY OR IDENTITIES OR IDENTIFIER? ? OR IDENTIFICATION? ? OR NUMBER? ?)
S9	1933074	S (IP OR INTERNET OR NETWORK OR WWW OR WORLDWIDE)WEB OR WEBPAGE? ? OR WEBSITE? ?)(2W)ADDRESS?? OR URL? ? OR RESOURCE()LOCATOR? ? OR DOMAIN? ?
S10	17709	S (S7 OR DEVICE? ? OR UNIT? ? OR RECEIVER? ?) (3N) S9
S11	0	S S6 (30N) S8 (30N) S10
S12	437	S S1 (30N) (S2 OR S4) (30N) (S3 OR S5)
S13	0	S S12 (30N) (S8 OR S10)
S14	30	S S6 NOT PY>2000
S15	12	RD (unique items)

; show files

[File 369] **New Scientist** 1994-2007/Nov W4
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[File 160] **Gale Group PROMT(R)** 1972-1989
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[File 9] **Business & Industry(R)** Jul/1994-2007/Mar 27
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[File 810] **Business Wire** 1986-1999/Feb 28
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[File 610] **Business Wire** 1999-2007/Mar 27
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[File 647] **CMP Computer Fulltext** 1988-2007/Jun W2
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[File 98] **General Sci Abs** 1984-2007/Mar
(c) 2007 The HW Wilson Co. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Mar 19
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[File 634] **San Jose Mercury** Jun 1985-2007/Mar 25
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[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 27
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[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 27
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**File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

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[File 613] **PR Newswire** 1999-2007/Mar 27
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[File 813] **PR Newswire** 1987-1999/Apr 30
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[File 141] **Readers Guide** 1983-2007/Jan
(c) 2007 The HW Wilson Co. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
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[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Mar 28
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[File 553] **Wilson Bus. Abs.** 1982-2007/Mar
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[File 621] **Gale Group New Prod. Annou.(R)** 1985-2007/Mar 27
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[File 674] **Computer News Fulltext** 1989-2006/Sep W1

15/3,K/2 (Item 2 from file: 16) [Links](#)

Gale Group PROMT(R)

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07193505 **Supplier Number: 61401036 (USE FORMAT 7 FOR FULLTEXT)**

Webb Interactive Services Launches Jabber, Inc.-XML Based Instant Messaging; Establishes Initial Advisory Board of Open Source Luminaries.

PR Newswire , p 9906

April 7 , 2000

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 913

...commercialization of a revolutionary open source, XML-based instant messaging platform. Webb's pioneering role in the integration of this innovative technology will allow the **XML** open source platform to become a foundation of advanced commerce, customer service, as well as mobile and enterprise applications.

Industry expert Jeff Pulver commented on the announcement, "This is one of the most important developments in the Instant Messaging (IM) industry. Advancing the application through open source, and applying **XML** to instant communications holds the promise of a new generation of richer and smarter uses of IM. I'm very intrigued with this new venture and will be watching it closely." Pulver is considered one of the pioneers and leaders of **Voice over IP**, and manages the industry's premier analysis and conference services dedicated to Instant Messaging.

Jabber's unique approach to the commercialization of IM through the leverage of open-source development and **XML** has attracted industry leaders to the Jabber advisory board. Included on the board is:

-- Doc Searls, senior editor of Linux Journal, co-author of The Clue Train Manifesto (<http://www.cluetrain.com>) and organizer for the "Linux for Suits" events and **website**.

-- Eric Raymond, renowned Open-Source movement advocate, board member of VA Linux, author of the seminal work, The Cathedral and the Bazaar, and founder of...

15/3,K/4 (Item 4 from file: 16) [Links](#)

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06665202 **Supplier Number: 55880225 (USE FORMAT 7 FOR FULLTEXT)**

Lucent Technologies Introduces The elemedia(TM) SIP Server, a Software Platform for Integrated IP Telecommunications Services.

PR Newswire , p 4537

Sept 28 , 1999

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 557

...business telephone systems and microelectronic components. Bell Labs is the research and development arm for the company. For more information on Lucent Technologies, visit the **web site** at **http** **://www.lucent.com**.

KEYWORDS: **IP telephony, VoIP, Voice**
over IP, SIP, media server, softswitch, proxy server,
redirect server, CPL, CGI, XML

15/3,K/5 (Item 5 from file: 16) Links

Gale Group PROMT(R)

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06536800 Supplier Number: 55347007 (USE FORMAT 7 FOR FULLTEXT)

Long Distance Customer Churn Rates Rising - Report 08/02/99 >BY Steve Gold.

Newsbytes, p NA

August 2, 1999

Language: English **Record Type:** Fulltext

Document Type: Newswire ; General Trade

Word Count: 489

...of respondents plan to add digital subscriber line (DSL) to their services mix by the year 2000, while 35 percent plan to offer Internet Protocol (IP) **telephony** services.

Other services include virtual private network (VPN), dedicated Internet, asynchronous transfer mode (ATM), and frame relay.

Marne Turk, a spokesperson for the firm, told Newsbytes that the report sells for \$2,950 in its standard paper version. "There is also an **HTML** (hypertext **markup language**) version available for companies for \$9,000," she added.

Turk went on to say that interested parties can e-mail the company at atlantic@atlantic-acm.com, or visit the firm's **Web site** at **http://www.atlantic-acm.com**, to receive marketing materials, as well as a table of contents for the report.

Reported by Newsbytes.com, <http://www.newsbytes...>

15/3,K/8 (Item 1 from file: 810) Links

Business Wire

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0771294 BW1245

SIEMENS TELECOM NTWKS : Siemens and Solect Announce OEM Agreement for Integrated ISP Billing

November 11, 1997

Byline: Business Editors

...billing solution features open provisioning and data collection interfaces and a scalable rating system. It supports auto-registration and user self-management using hyper-text **mark-up**

language (HTML

) interfaces, and its modular architecture integrates with existing billing and customer care systems.

Siemens' strategy for the ISP market is to develop internally and partner...

...and applications for companies providing public telecommunications services, bringing to bear the full strength of Siemens' innovation and market know-how. This includes ISP solutions, **voice-over-IP** solutions, systems integration services, applications development, and customer and marketing support services.

Solect Technology Group, headquartered in Toronto, Canada, is a leading provider of end...

...companies and client ISPs which has ensured their products and expertise are continually refined to match the requirements of this fast-moving industry. Home page: **http://www.solect.com** .

Siemens Telecom Networks, headquartered in Boca Raton, Fla., is a leading provider of telecommunications solutions to the public network service providers in...

15/3,K/9 (Item 1 from file: 636) Links

Gale Group Newsletter.DB(TM)

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04846435 **Supplier Number: 67184814 (USE FORMAT 7 FOR FULLTEXT)**

Products.

ISP Business News , v 6 , n 46 , p NA

Nov 20 , 2000

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 310

Web site: <http://www.lucent.com>

Name of Product: VitalAccess 1.0

Type of Product: Multi-vendor provisioning software

Target Customer: Broadband IP service providers

Price: Ranges from...

....15 per subscriber

Contact: Todd Koch, 925/815-8080

Available: December

Description: VitalAccess allows broadband service providers to provision and deliver Internet access, multimedia and **voice-over-IP** services to customers.

Baltimore Technologies

Web site: <http://www.baltimore.com>

Name of Product: SelectAccess

Type of Product: **XML**-based access and authorization management software

Target Customer: Small and large businesses

Price: \$20 per user

Contact: Dan Ring, 781/684-0770

Available: ...Description: SelectAccess, born from Baltimore Technology's Nevex Software Technologies acquisition, is the first of a new suite of Web access management products designed around **XML** and LDAP.

Convergys Corporation

Web site: <http://www.convergys.com>

Name of Product: Catalys Release 5.0

Type of Product: Billing and CRM solution

Target Customer: ISPs and next-generation communications providers

15/3,K/10 (Item 2 from file: 636) Links

Gale Group Newsletter DB(TM)

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03378830 **Supplier Number: 46950740 (USE FORMAT 7 FOR FULLTEXT)**

IBM: IBM announces new video server solutions

M2 Presswire , p N/A

Dec 6 , 1996

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 1299

...that lets them play, pause, stop and seek.

The VideoCharger runs on any RS/6000 uniprocessor supporting AIX 4.2. It uses Real Time Protocol (**RTP**) to stream audio and video data to Web-based clients. The VideoCharger can be linked with any other Web server through Uniform Resource Locators (URL) in a Hypertext **Markup**

Language (HTML) document in the **HTTP** server.

Initially, VideoCharger will provide support for Windows 95** clients using the VideoCharger Player for Windows 95, which is provided at no additional charge.

The...

15/3,K/11 (Item 1 from file: 613) Links

PR Newswire

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00422847 20000926LATU026 (USE FORMAT 7 FOR FULLTEXT)

Jabber.Com And Red Hat to Deliver Real-Time Messaging Infrastructure for Embedded Linux Applications

PR Newswire

Tuesday, September 26, 2000 09:30 EDT

Journal Code: PR Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE

Word Count: 783

...embedded space," said Andre Durand, founder and general manager of Jabber.com. "We believe there is enormous long term growth as appliances, wireless devices and **IP telephony** applications continue to adopt the embedded Linux platform."

Jabber is the only open source, **XML**-based platform for extensible instant messaging applications. Open source means the source code may be freely shared and improved upon as long as it is returned to those who developed it.

XML is an **extensible markup language** similar to **HTML**, the language used for producing most **Web pages**. Unlike **HTML**, however, **XML** is much more structured, flexible and functional in a business environment as it has the inherent ability to define the data it contains, in addition...

...e-mail network.

In recent weeks, Jabber momentum has attracted some of the best technical and open source luminaries, experts and analysts in the world (<http://www.jabber.com/about/team.shtml>).

About Jabber.com

Jabber.com, Inc. (<http://www.jabber.com>), a subsidiary of Webb Interactive Services (Nasdaq: WEBB), is...

15/3,K/12 (Item 1 from file: 696) [Links](#)

DIALOG Telecom. Newsletters

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00671267

IETF SUBMITS DRAFT CPL STANDARD TO ITU-T SG16

COMMUNICATIONS STANDARDS NEWS

May 17, 1999 **Document Type:** NEWSLETTER

Publisher: PHILLIPS BUSINESS INFORMATION

Language: ENGLISH **Word Count:** 1537 **Record Type:** FULLTEXT

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Text:

...first two tags (two lines) of the following CPL script are simply a statement that this is a CPL Document Type Declaration and encoded in **XML** version 1.0. The remainder conveys the actions required:

```
<?xml version="1.0" ?>
<!DOCTYPE call SYSTEM "cpl.dtd">
<call>
  <string-switch field="from">
    <string matches="*@example.com">
      <location url="sip:jones@example.com">
        <proxy>
          <busy> <link ref="voicemail" /> </busy>
          <noanswer> <link ref="voicemail" /> </noanswer>
          <failure> <link ref="voicemail" /> </failure>
        </proxy>
      </location>
    </string>
    <otherwise>
      <location url="sip:
jones@voicemail.example.com" merge="clear" id="voicemail">
        <redirect />
      </location>
    </otherwise>
  </string-switch>
</call>
```

Implementations of the CPL are expected to take place both in **Internet telephony** servers and in advanced clients; both can usefully process and direct users' calls. In the former case, a mechanism will be needed to transport scripts...

...does not describe such a mechanism, but future related documents will cover this deficiency.

Copies of the CPL drafts can be obtained from the IETF **website** at: www.ietf.org